

# EMERGENCY MANAGEMENT INSTITUTE

NATIONAL EMERGENCY TRAINING CENTER • EMMITSBURG, MD 21727



FEMA

## Course: *E0386 Residential Coastal Construction*

### Course Dates:

August 18-21, 2014

### Travel Dates:

August 17 and August 22, 2014

### Course Length:

This course is 4 days in length.

### Location:

Emergency Management Institute (EMI)  
National Emergency Training Center (NETC)  
Emmitsburg, Maryland

### Course Description:

The Residential Coastal Construction course is designed to train participants on FEMA's Coastal Construction Manual. This manual is the primary, state-of-the-art reference for planning, designing, and constructing residential structures in the various coastal environments.

### Course Goals:

1. Understand the basic principles of designing in coastal environment:
  - Premise
  - Framework
  - Constraints
  - Defining a "successful" building
2. Understand the differences in design requirements and expected performance between coastal construction and inland construction.
3. Understand the significance and "lessons" of historical events at the coast.
4. Describe minimum requirements and "best practices" for coastal construction.

5. Identify coastal hazards at potential building sites and identify where to obtain pertinent information.
6. Understand how to calculate design loads and conditions.
7. Understand the continuous load path principle.
8. Identify siting, design, construction, and maintenance defects that result in vulnerable buildings.

The last day of the course will include a case study scenario where participants will work in groups. The intent of the exercise is for the groups to work through a case study scenario using the concepts and information covered during the course.

### Prerequisites:

None

### Continuing Education Units (CEU's):

The Emergency Management Institute (EMI) awards 2.8 CEUs for completion of this course.

### Continuing Education Credits (CEC's):

The Association of State Floodplain Managers (ASFPM) awards 12 CECs (core) for completion of this course.

### Target Audience:

The primary audience for this course is engineers and architects. Floodplain Managers and Building Code Officials are also encouraged to attend. Hazard Mitigation, Planning, Zoning, Public Works, and other Building Officials with building science knowledge and also those from the private sector, such as engineering firms may also apply.

# TRAINING OPPORTUNITY

**To Apply:**

Complete a FEMA Form 119-25-1, General Admissions Application, with student signature and signature of supervisor or sponsoring agency official/State Emergency Management Training Office. Submit the application, no later than July 21, 2014. Mail, scan, or fax it to:

NETC Admissions Office (Room I-216)  
National Emergency Training Center  
16825 South Seton Avenue  
Emmitsburg, MD 21727-8998  
Phone: (301) 447-1035 Fax: (301) 447-1658  
Email: [netcadmissions@fema.dhs.gov](mailto:netcadmissions@fema.dhs.gov)

Scan the QR Code, or click the link to get information on how to apply for EMI courses:



<http://training.fema.gov/Apply/>

Note to RTMs and RPMs and STOs: The FEMA Form 119-25-1 must be received by NETC Admissions – no later than 6 weeks prior to the course start.

**Application Review:**

In order to be evaluated for admission into this course, block #16 on the application form must be completed. Please refer to the student selection criteria listed below and indicate how you meet the requirements based upon your position and experience.

Upon acceptance into the course, NETC Admissions will mail out an Acceptance Letter/Welcome Package outlining travel information, NETC shuttle services, lodging and other logistics. Scan the QR Code, or click the link for a PDF copy of the NETC Welcome Package online:



[http://training.fema.gov/EMIWeb/downloads/NETC\\_Welcome\\_Package.pdf](http://training.fema.gov/EMIWeb/downloads/NETC_Welcome_Package.pdf)

Lodging is provided for course participants on the NETC campus. Participants staying overnight on campus are

required to purchase a meal ticket for the duration of the training activity. Notify the NETC Transportation Office at least 2 weeks prior to the course date to reserve a seat. Call (301) 447-1048, ext. 1113, or email [FEMA-netc-housing@fema.dhs.gov](mailto:FEMA-netc-housing@fema.dhs.gov).

**Travel Authorizations:**

PFT and CORE employees must ensure their travel authorization (TA) is completed through Concur Government Edition (CGE) Travel System for course offerings.

All Federal travelers must have an approved TA prior to travel. A copy of the TA must be presented upon arrival. No exceptions are made to the NETC policy.

**Notice to Applicants for EMI courses:**

Individuals applying for EMI classes will be required to register using the FEMA Student Identification (SID) number. This number will be used in place of the Social Security Number (SSN) on your application form. **The SSN is no longer required.**

**How do I obtain my FEMA SID number?**

- Step 1: To register, go to <https://cdp.dhs.gov/femasid>
- Step 2: Click on the “Need a FEMA SID” button on the right side of the screen.
- Step 3: Follow the instructions and provide the necessary information to create your account.
- Step 4: You will receive an email with your SID number. You should save this number in a secure location.

**What do I do with this new SID number I have been assigned?**

The SID number is used in place of the SSN on your General Admissions Application (FEMA Form 119-25-1).

**EMI Point of Contact:**

For additional information contact the course manager, Jordan T. Manos, P.E., S.E., PMP, at (301) 447-1356 or by email at: [Jordan.Manos@fema.dhs.gov](mailto:Jordan.Manos@fema.dhs.gov)

# TRAINING OPPORTUNITY